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Legal Department, DL429  
Intellectual Property Administration  
P. O. Box 7599  
Loveland, Colorado 80537-0599

PATENT APPLICATION  
ATTORNEY DOCKET NO. 10030838-1

OCT 10 2003  
PATENT & TRADEMARK OFFICE  
IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Jogesh Warrior et al.

Serial No.: 10/664,400

Examiner:

Filing Date: Sept. 17, 2003

Group Art Unit:

Title: SYSTEM AND METHOD FOR USING MOBILE COLLECTORS FOR ACCESSING WIRELESS SENSOR NETWORK

COMMISSIONER FOR PATENTS  
PO Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

(X) under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)

( ) under 37 CFR 1.97(c) together with either a:  
( ) Statement under 37 CFR 1.97(e), or  
( ) a \$180.00 Processing fee under 37 CFR 1.17(p), or  
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)

( ) under 37 CFR 1.97 (d) together with a:  
( ) Statement under 37 CFR 1.97(e), and  
( ) a \$180.00 processing fee under 37 CFR 1.17(p).

(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Please charge to Deposit Account 50-1078 the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 50-1078 pursuant to 37 CFR 1.25.

( ) Applicant(s) submit herewith Form PTO 1449. References identified with an asterisk (\*) were disclosed in Patent Application No. \_\_\_\_\_ filed \_\_\_\_\_, now U. S. Patent No. \_\_\_\_\_, and, as such, copies thereof are not included pursuant to the provisions of 37 CFR 1.98(d).

( ) A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

Date of Deposit: Oct. 08, 2003

Typed Name: John Pallivathukal

Signature: 

Respectfully submitted,

Jogesh Warrior et al.

By

  
Jody C. Bishop

Attorney/Agent for Applicant(s)  
Reg. No. 44,034

Date: Oct. 08, 2003

Telephone No.: (214) 855-8007



## **PATENT APPLICATION**

Sheet 1 of 4

FORM PTO-1449

FORM PTO-1449

**LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

**SERIAL NO.**

10030838-1

Jogesh Warrior et al.

**FILING DATE**

PIERRE BATE

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	NAME	TRANSLATION	
					YES	NO

**OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)**

	BULUSU, Nirupama et al., "Self-Configuring Localization Systems: Design and Experimental Evaluation", Submitted to ACM TECS Special Issue on Networked Embedded Computing, August 2002, pages 1-34
	BULUSU, Nirupama et al., "Scalable, Ad Hoc Deployable RF-based Localization", Computer Science Department, UCLA, no date, 5 pages
	CHAKRABARTI, Arnab et al., "Using Predictable Observer Mobility for Power Efficient Design of Sensor Networks", IPSN 2003, LNCS 2634, pages 129-145.

\* Copies of these references are not enclosed pursuant to 37 CFR 1.98(d). (See accompanying IDS)



## **PATENT APPLICATION**

Sheet 2 of 4

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10030838-1

**APPLICANT**

**Jogesh W**  
TANIA FATE

RECEIVED DATE

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**GROUP**

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	NAME	TRANSLATION	
				YES	NO

**OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)**

	<p>ELSON, Jeremy et al., "Wireless Sensor Networks: A New Regime for Time Synchronization", Proceedings of the First Workshop on Hot Topics in Networks, October 2002, 6 pages</p>
	<p>GANESAN, Deepak et al., "DIMENSIONS: Why do we need a new Data Handling architecture for Sensor Networks?", Dept. of Computer Science, UCLA, 2002, 6 pages</p>
	<p>GANESAN, Deepak et al., "Complex Behavior at Scale: An Experimental Study of Low-Power Wireless Sensor Networks, no cite, no date, 11 pages</p>

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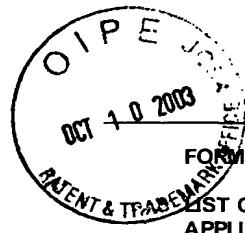
**OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)**

	GIROD, Lewis et al., "Locating tiny sensors in time and space: A case study", Dept. of Computer Science, UCLA, no date, 6 pages
	GREENSTEIN, Benjamin et al., "DIFS: A Distributed Index for Features in Sensor Networks", no cite, no date, 12 pages
	KUMAR, P. R., "Architecture and algorithms in ad hoc wireless networks", Univ. of Illinois, 2001, 24 pages

**EXAMINER**

**DATE CONSIDERED**

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**OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)**

		MADDEN, Samuel et al., "TAG: a Tiny AGgregation Service for Ad-Hoc Sensor Networks", 5th Annual Symposium on Operating Systems Design and Implementation, December 2002, 16 pages

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